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L2: Entry 1 of 2

File: EPAB

Feb 3, 1999

PUB-NO: EP000894841A2

DOCUMENT-IDENTIFIER: EP 894841 A2

TITLE: Ruban adhnformationsif

PUBN-DATE: February 3, 1999

## INVENTOR-INFORMATION:

NAME

SCHUEMANN, UWE DR

WEILAND, KIRSTIN

SCHACHT, WOLFGANG DR

COUNTRY

DE

FR

DE

## ASSIGNEE-INFORMATION:

NAME

BEIERSDORF AG

COUNTRY

DE

APPL-NO: EP98113152

APPL-DATE: July 15, 1998

PRIORITY-DATA: DE19733014A (July 31, 1997)

INT-CL (IPC): C09 J 7/02; C09 J 175/04

## ABSTRACT:

A pressure sensitive, double sided self adhesive tape (I) consists of a support that is coated both sides with a pressure sensitive adhesive composition comprising: (A) up to 50 wt.%, preferably 30-40 wt.% of a crosslinked, non-foamed polyurethane, formed from a hydroxy functionalised polybutadiene, polyesterdiol, polyestertriol, polyesterpolyol, polyetherdiol, polyethertriol or polyetherpolyol, polyetherdiamine, polyethertriamine, polyetherpolyamine as well as a mono-alcohol, mono-amine, polyether-mono-ol, polyether-mono-amine or products of the last hour named compound types and a diisocyanate or chemically derived isocyanate; (B) 50-70 wt.% filler and (C) optionally other processing aids. Also claimed is a process for the production of (I) by application of dried and crosslinked adhesive composition followed by application of a non-hardened, paste or liquid polyurethane composition by means of two component mixing technology onto the adhesive composition; coating of the polyurethane composition with a separator paper coated with a dried and crosslinked adhesive composition and hardening or crosslinking of the polyurethane composition at 20-120 degrees C.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw	Desc	Image									

☐ 2. Document ID: US 6129983 A, EP 894841 A2, DE 19733014 A1, JP 11228919 A

L2: Entry 2 of 2

File: DWPI

Oct 10, 2000

DERWENT-ACC-NO: 1999-108336  
DERWENT-WEEK: 200052  
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TITLE: Pressure-sensitive, double sided self adhesive tape - has non-foam support consisting of crosslinked, non-foamed polyurethane, useful for sealing cracks and less susceptible to absorption of moisture of solvents

INVENTOR: SCHACHT, W; SCHUEMANN, U ; WEILAND, K

PATENT-ASSIGNEE:

ASSIGNEE	CODE
BEIERSDORF AG	BEIE

PRIORITY-DATA: 1997DE-1033014 (July 31, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 6129983 A	October 10, 2000		000	C09J007/02
<u>EP 894841 A2</u>	February 3, 1999	G	011	C09J007/02
DE 19733014 A1	February 4, 1999		000	C09J007/04
JP 11228919 A	August 24, 1999		008	C09J007/02

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US 6129983A	July 29, 1998	1998US-0124144	
EP 894841A2	July 15, 1998	1998EP-0113152	
DE 19733014A1	July 31, 1997	1997DE-1033014	
JP 11228919A	July 27, 1998	1998JP-0225192	

INT-CL (IPC): B32 B 7/12; C08 G 18/32; C08 G 18/40; C09 J 7/02; C09 J 7/04; C09 J 175/04

ABSTRACTED-PUB-NO: EP 894841A

BASIC-ABSTRACT:

A pressure sensitive, double sided self adhesive tape (I) consists of a support that is coated both sides with a pressure sensitive adhesive composition comprising: (A) up to 50 wt.%, preferably 30-40 wt.% of a crosslinked, non-foamed polyurethane, formed from a hydroxy functionalised polybutadiene, polyesterdiol, polyestertriol, polyesterpolyol, polyetherdiol, polyethertriol or polyetherpolyol, polyetherdiamine, polyethertriamine, polyetherpolyamine as well as a mono-alcohol, mono-amine, polyether-mono-ol, polyether-mono-amine or products of the last hour named compound types and a diisocyanate or chemically derived isocyanate; (B) 50-70 wt.% filler and (C) optionally other processing aids.

Also claimed is a process for the production of (I) by application of dried and crosslinked adhesive composition followed by application of a non-hardened, paste or liquid polyurethane composition by means of two component mixing technology onto the adhesive composition; coating of the polyurethane composition with a separator paper coated with a dried and crosslinked adhesive composition and hardening or crosslinking of the polyurethane composition at 20-120 deg. C.

USE - The pressure sensitive, double sided self adhesive tape (I) is useful for sealing, preferably for the closure of cracks (claimed).

ADVANTAGE - The tape (I) has a non-foamed support and is less susceptible to absorption of moisture or solvents. The tape has good flexibility, high peeling

strength and high stability to temperature and weathering.  
ABSTRACTED-PUB-NO:

US 6129983A  
EQUIVALENT-ABSTRACTS:

A pressure sensitive, double sided self adhesive tape (I) consists of a support that is coated both sides with a pressure sensitive adhesive composition comprising: (A) up to 50 wt.%, preferably 30-40 wt.% of a

crosslinked, non-foamed polyurethane, formed from a hydroxy functionalised polybutadiene, polyesterdiol, polyestertriol, polyesterpolyol, polyetherdiol, polyethertriol or polyetherpolyol, polyetherdiamine, polyethertriamine, polyetherpolyamine as well as a mono-alcohol, mono-amine, polyether-mono-ol, polyether-mono-amine or products of the last hour named compound types and a diisocyanate or chemically derived isocyanate; (B) 50-70 wt.% filler and (C) optionally other processing aids.

Also claimed is a process for the production of (I) by application of dried and crosslinked adhesive composition followed by application of a non-hardened, paste or liquid polyurethane composition by means of two component mixing technology onto the adhesive composition; coating of the polyurethane composition with a separator paper coated with a dried and crosslinked adhesive composition and hardening or crosslinking of the polyurethane composition at 20-120 deg. C.

USE - The pressure sensitive, double sided self adhesive tape (I) is useful for sealing, preferably for the closure of cracks (claimed).

ADVANTAGE - The tape (I) has a non-foamed support and is less susceptible to absorption of moisture or solvents. The tape has good flexibility, high peeling strength and high stability to temperature and weathering.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: PRESSURE SENSITIVE DOUBLE SIDE SELF ADHESIVE TAPE NON FOAM SUPPORT  
CONSIST CROSSLINK NON FOAM POLYURETHANE USEFUL SEAL CRACK LESS SUSCEPTIBILITY ABSORB  
MOIST SOLVENT

DERWENT-CLASS: A25 A81 G03 P73

CPI-CODES: A05-G01E; A08-R01; A12-A01; A12-A05F; G03-B02E4; G03-B04;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 018 ; G1854\*R G1843 D01 F73 ; R00735 G1887 G1854 G1843 D01 D11 D10 D19 D18 D32 D50 D76 D93 F73 ; G0997\*R D01 F26 D12 D10 D55 D51 D57 D95 H0204 ; G1796 G1672 G1649 D01 F09 F07 D95 F34 H0204 ; H0011\*R ; P1605 P1592 F77 H0011 D01 ; P0931\*R P1592 P0839 H0260 H0011 H0044 F41 F77 D01 D63 ; P1058\*R P1592 P0964 H0260 F34 F77 H0044 H0011 D01 ; P1649 P1592 F77 H0011 D01 ; P1581 P1570 P1592 H0260 F77 F78 D01 ; P0839\*R F41 D01 D63 ; P0953 P0839 P0964 H0260 F34 F41 D01 D63 ; P0964\*R F34 D01 ; P1570\*R F78 D01 ; P1592\*R F77 D01 ; M9999 M2028 ; M9999 M2153\*R ; M9999 M2824 ; M9999 M2073 ; L9999 L2391 ; L9999 L2073 ; H0124\*R ; L9999 L2528 L2506 ; L9999 L2824 Polymer Index [1.2] 018 ; K9698 K9676 ; K9712 K9676 ; Q9999 Q6677 Q6644 ; K9449 ; B9999 B3496 B3485 B3372 ; B9999 B3407 B3383 B3372 ; ND01 ; K9574 K9483 ; K9701 K9676 ; Q9999 Q6633 ; Q9999 Q7114\*R ; K9483\*R ; N9999 N7147 N7034 N7023 ; B9999 B4035 B3930 B3838 B3747 ; B9999 B5301 B5298 B5276 ; B9999 B4682 B4568 ; B9999 B4728 B4568 Polymer Index [1.3] 018 ; R00415 D01 D11 D10 D50 D61 D68 D95 Sn 4A ; C999 C102 C000 ; C999 C306 Polymer Index [1.4] 018 ; G3452 R01278 D00 F44 C\* 4A O\* 6A Ca 2A ; R05085 D00 D09 C\* 4A ; R01739 D00 F60 O\* 6A S\* Ba 2A ; R01694 D00 F20 O\* 6A Si 4A ; R01542 D00 D60 H\* O\* 6A Si 4A ; R01520 D00 F20 Zn 2B Tr O\* 6A ; G3190 R01541 D00 F80 O\* 6A Mg 2A Si 4A ; G3010 D00 F80 Al 3A Si 4A O\* 6A ; D00 F80 Si 4A O\* 6A ; G2880 D00 Si 4A ; A999 A237 ; A999 A771 ; S9999 S1456\*R ; S9999 S1398 ; B9999 B5209 B5185 B4740 Polymer Index [1.5] 018 ; A999 A340\*R ; A999 A102 A077 ; A999 A497 A486 ; A999 A500 A486 Polymer Index [1.6] 018 ; K9869 K9847 K9790 ; A999 A544 A486 Polymer Index [1.7] 018 ; G3441 D00 F80 Al 3A Si 4A O\* 6A ; R01503 D00 F20 Ca 2A O\* 6A ; A999 A022 A000 Polymer Index [2.1] 018 ; P0635\*R F70 D01 Polymer Index [2.2] 018 ; P0464\*R D01 D22 D42 F47 Polymer Index [2.3] 018 ; P0226 P0282\*R D01 D18 F30 Polymer Index [2.4] 018 ; H0022 H0011 ; R00859 G1809 G1649 D01 D23 D22 D31 D45 D50 D76 D83 F19 F10 F07 ; R00001 G1503 D01 D50 D81 F22 ; P0259\*R P0226 D01 ; P0260

Polymer Index [2.5] 018 ; H0022 H0011 ; R00123 G1821 D01 D50 D81 F78 ; R00001 G1503 D01 D50 D81 F22 ; P0259\*R P0226 D01 ; P0271 Polymer Index [2.6] 018 ; P1592\*R F77 D01 Polymer Index [2.7] 018 ; G0340\*R G0339 G0260 G0022 D01 D12 D10 D26 D51 D53 D58 D63 F41 F89 ; H0000 ; H0011\*R ; P0088 Polymer Index [2.8] 018 ; B9999 B5447 B5414 B5403 B5276 ; N9999 N7090 N7034 N7023 ; ND01 ; K9574 K9483 ; K9701 K9676 ; Q9999 Q6633 ; Q9999 Q7114\*R ; K9483\*R ; N9999 N7147 N7034 N7023 ; B9999 B4035 B3930 B3838 B3747 ; B9999 B5301 B5298 B5276 ; B9999 B4682 B4568 ; B9999 B4728 B4568 Polymer Index [3.1] 018 ; R00806 G0828 G0817 D01 D02 D12 D10 D51 D54 D56 D58 D84 ; H0000 ; H0191 ; M9999 M2153\*R ; M9999 M2324 ; P0328 ; P0339 Polymer Index [3.2] 018 ; H0191 ; P0964\*R F34 D01 ; M9999 M2153\*R Polymer Index [3.3] 018 ; B9999 B5094 B4977 B4740 Polymer Index [4.1] 018 ; P0000 ; S9999 S1456\*R ; S9999 S1398 ; A999 A237 ; A999 A782 Polymer Index [4.2] 018 ; B9999 B5209 B5185 B4740

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1999-032509

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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